Campbell Transportation Company, Inc.

2567 Cargo Arroyo Road
Newell, WV 26050-1317

Tel. (304) 387-9850
Fax (304) 387-9885

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION
REQUIRED SUBPART BB - NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS
FROM BENZENE TRANSFER OPERATIONS SECTION 61.300-61.306

1. Test Method Conducted: Nitrogen & soap
2. Marine Vessel Owner: Marathon Petroleum Co
   Address: 539 S. Main St Findlay OH 45840
3. Marine Vessel Identification Number: No 105
4. Testing Location: 47.3 CDB OR
5. Date: 5/29/14
6. Tester Name: Gaven Brewer
   Company: CTC
7. Signature of Tester:
8. Witnessing Inspector: DAN SHAW
9. Witnessing Inspector Signature:

TEST RESULTS

Test cargo tanks & related vapor system to 16 oz

Beginning pressure 16 oz at 1500 time Barge pass: Yes

Ending pressure 15.9 oz at 1530 time

Pressure cargo tanks & pipelines to 1.0 psig dry air record pressure allow vessel to remain pressurized for thirty minutes & use soap test to inspect for leaks.
At the end of thirty minutes record pressure reading.

Maximum Pressure Change Limits

10,000 bbl - .20 psi
3.20 ounces per square inch
5.54 inches of water

20,000 bbl - .10 psig
1.6 ounces per square inch
2.70 inches of water

If pressure change is greater than the above limit, vessel is not certified. The source of the leak must be identified & repaired and the vessel retested.

KIRBY INLAND MARINE, LP
MAINTENANCE DEPARTMENT
16402 ½ De Zavala
CHANNELVIEW, TEXAS 77530

OFFICE: (713) 435-1700 FAX (713) 435-1750

VAPOR TIGHTNESS TEST

Note: Test Results are Valid for (1) One Year from Date of Test!

Vessel Name: Kirby 10204 Test Date: 14-04-09

Testing Location: [illegible] Maximum Load Rate: (BPH) 3500

Tanks Tested: All Pressure Indicator: [illegible]

TEST RESULTS

Test Duration: 30 Minutes

Beginning Pressure: 28 Inches H20

Ending Pressure: 27.5 Inches H20

Total Pressure Loss: .5 Inches H20

Allowable Pressure Loss: 4.5 Inches H20

Barge is Vapor Tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss"
This vessel has been tested in accordance with Section 61.304F and has been found to be vapor light.

Brian Gibbs
Tester: (Print)

[signature]
Tester: (Signature)

[illegible] Edwards
Witness: (Print)

[signature]
Witness: (Signature)

Kirby Corp.
Affiliation of Witness:

(P1) - Beginning Pressure
(P2) - Ending Pressure
(Delta P) - Total Pressure Loss
(Delta PM) - Allowable Pressure Loss
(TP) - 14.7 plus Barge Test Pressure in PSI
(L) - Maximum Load Rate in BPH
(V) - Volume of Tank (s)
(Delta T) = Test Duration
.861 - PIA @ (P1)

$$.861 \times \frac{15.7}{(TP)} \times \left(\frac{3500}{(L)} / \frac{11098}{(V)} \right) = \frac{4.9}{(\text{Delta PM})}$$

Kirby Form #MR-06-01
Issued: 05/13/11

KIRBY INLAND MARINE, LP
MAINTENANCE DEPARTMENT
16402 ½ De Zavala
CHANNELVIEW, TEXAS 77530

OFFICE: (713) 435-1700 FAX (713) 435-1750

VAPOR TIGHTNESS TEST

Note: Test Results are Valid for (1) One Year from Date of Test!

Vessel Name: KIRBY 10205 Test Date: 12-17-13

Testing Location: Shipyard Maximum Load Rate: (BPH) 3500

Tanks Tested: ALL Pressure Indicator: Dwyer

TEST RESULTS

Test Duration: 30 Minutes

Beginning Pressure: 28" Inches H20

Ending Pressure: 27" Inches H20

Total Pressure Loss: 1" Inches H20

Allowable Pressure Loss: 4.2 Inches H20

Barge is Vapor Tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss"
This vessel has been tested in accordance with Section 61.304F and has been found to be vapor tight.

Steve Edwards
Tester: (Print)

Dan Shaw
Witness: (Print)

Steve Edwards
Tester: (Signature)

Dan Shaw
Witness: (Signature)

Shipyard Hand
Affiliation of Witness:

(P1) - Beginning Pressure
(Delta P) - Total Pressure Loss
(TP) - 14.7 plus Barge Test Pressure in PSI
(V) - Volume of Tank (s)
.861 - PIA @ (P1)

(P2) - Ending Pressure
(Delta PM) - Allowable Pressure Loss
(L) - Maximum Load Rate in BPH
(Delta T) = Test Duration

$$.861 \times \frac{15.7}{(TP)} \times \left(\frac{3500}{(L)} \div \frac{11,098}{(V)} \right) = \frac{4.2}{(\text{Delta PM})}$$

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KIRBY INLAND MARINE, LP
MAINTENANCE DEPARTMENT
16402 ½ De Zavala
CHANNELVIEW TEXAS 77530

(713) 435-1700 FAX (713) 435-1750

BARGE PIPING TEST LETTER

INSTRUCTIONS: FILL OUT COMPLETELY. WRITE "N/A" ON ANY NON-APPLICABLE LINE.

BARGE NAME/NUMBER: Lrd, 10205

Last Hydro Test Date (188 PSI) 1-10-12
(USCG Required Twice In 5 years)

Note: Test Results are Valid for (1) One Year from Date of Test!

Letter of Expiration Date (One year from Test): 12-17-14

1. Cargo Piping and Vales (Date of Test): 12-17-13
   Annual Test Pressure (125 psi): 125 #
2. Cargo Relief Valve (Date of Test): 12-17-13
   Annual Test Pressure (125 psi): 125 #
3. Cargo Pressure Gauge (Date of Test): 12-17-13
   Annual Percent of Accuracy (%): 98%
4. Steam Piping and Relief Valves (Date of Test): N/A
   Annual Test Pressure (125 psi): N/A

Signature: [signature]

DISTRIBUTION: Place original as last page of "USCG Papers folder" located in barge document mailbox.

Kirby Form # MR-05-01
Issued: 10/20/09

Campbell Transportation Company, Inc.

2587 [illegible] Road
Newell, WV 26050-1317

Tel. (304) 387-2960
Fax (304) 387-2585

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART BB - NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM BENZENE TRANSFER OPERATIONS SECTION 61.300-61.306

1. Test Method Conducted: DRY AIR & SOAP
2. Marine Vessel Owner: MARATHON Petroleum Co LP
   Address: 539 S. MAIN ST FINDLAY OH 45840
3. Marine Vessel Identification Number: MPC 1054
4. Testing Location: 47.3 LDB OR
5. Date: 6/11/14
6. Tester Name: DAN SHAW
   Company: CTC
7. Signature of Tester: Dan Shaw
8. Witnessing Inspector: Brian Gibbs
9. Witnessing Inspector Signature: Brian Gibbs

TEST RESULTS

Test cargo tanks & related vapor system to 16 oz

Beginning pressure 16 oz at 12:30 time   Barge pass: yes

Ending pressure 16 oz at 13:00 time

Pressure cargo tanks & pipelines to 1.0 psig dry air record pressure allow vessel to remain pressurized for thirty minutes & use soap test to inspect for leaks.

At the end of thirty minutes record pressure reading.

Maximum Pressure Change Limits

10,000 bbl - .20 psi

3.2o ounces per square inch

5.54 inches of water

20,000 bbl - .10 psig

1.6 ounces per square inch

2.70 inches of water

If pressure change is greater than the above limit, vessel cannot be certified. The source of the leak must be identified & repaired and the vessel re-tested [illegible]

Campbell Transportation Company, Inc.

2567 Congo Arroyo Road
Newell, WV 26050-1317

Tel. (304) 387-3850
Fax (304) 387-3885

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART BB - NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM BENZENE TRANSFER OPERATIONS SECTION 61.300-61.306

1. Test Method Conducted: Nitrogen & Soap
2. Marine Vessel Owner: Marathon Petroleum Company
   Address: 539 South Main St Findlay, OH 45840
3. Marine Vessel Identification Number: MPC 1056
4. Testing Location: MF 47.3
5. Date: 2-11-14
6. Tester Name: Jim Shaw
   Company: C & C
7. Signature of Tester:
8. Witnessing Inspector: Dan Knoggie
9. Witnessing Inspector Signature:

TEST RESULTS

Test cargo tanks & related vapor system to 16 oz

Beginning pressure 16 oz at 9:50 time Barge pass: YES

Ending pressure 16 oz at 10:20 time

Pressure cargo tanks & pipelines to 1.0 psig dry air record pressure allow vessel to remain pressurized for thirty minutes & use soap test to inspect for leaks.
At the end of thirty minutes record pressure reading.

Maximum Pressure Change Limits

10,000 bbl - .20 psi
- 3.20 ounces per square inch
- 5.54 inches of water

20,000 bbl - .10 psig
- 1.6 ounces per square inch
- 2.70 inches of water

If pressure change is greater than the above limit, vessel cannot be certified. The source of the leak must be identified & repaired and the vessel retested

CERTIFICATION REPORT FOR VAPOR TIGHTNESS

Section A

Type of Certification Test(Circle One)

40 CFR 63.565 (c) Pressure Test

40 CFR 63.565 (c) ~~Method 21 Determination~~

Marine Vessel Identification Number AI 524

Marine Vessel Owner Marathon

Date of Test 7-26-13

Address 539 South Main St

Findlay, OH 45840

Test Location:

Name Marathon Oil Company

Kenova Finished Products Dock

Address 23rd and River

Kenova, WV 25530

Loading Occurred At: (Circle One): Inside Position Float 563 Float 562

Loading Time: Vessel began loading at 2300 hours

Certification testing began at 0300 hours

Capacity of Barge/Ships 17,000 bbls

What % was vessel loaded at the time of vapor testing? 80 % (must be at least 80%)

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Section B

Identification number of the OVA: EAGLE s/N: 061054

Was the OVA calibrated with a zero and span gas? □ Yes □ No

Type of Zero Gas: Nitrogen Concentration of Zero Gas: 0 ppm

Type of Span Gas: Methane Concentration of Span Gas: 20% LEL / 10,000 ppm

What is the response time for this calibration gas? 30 Seconds

What is the response factor for this calibration? 3 Seconds (See Pg. 12 of EAGLE Manual)

Comments: _____

_____

Section C

Number of components monitored: _____

Were any components found leaking? □ Yes ☑ No (A leak is defined as one greater than 10,000 ppm)

1.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

2.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

3.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

4.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

Additional components should be reported on the attached page(s).

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5.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

6.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

7.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

8.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

9.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

10.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

11.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

12.

Type of component _____

Location of component _____

Leak Rate (ppm) _____

Date of first repair attempt _____

Leak rate after repair _____

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Section D

Were any components not repaired on the first attempt? ☐ Yes ☐ No

If Yes, the owners of the vessel must complete this section:

1. Component Type _____ Location _____

2. Component Type _____ Location _____

3. Component Type _____ Location _____

4. Component Type _____ Location _____

I hereby certify that the above component(s) cannot be repaired unless the vessel is cleaned and gas freed or at drydock. We ensure this component is repaired at the next available opportunity.

Name (Print) _____ Signature _____

Title of Representative: _____ Date: _____

Section E

Name of Certifying Entity: Marathon Oil Company

Address: 101 12th Street

Catlettsburg, Kentucky 41129

Phone Number: 606/739-2400

Name of Certifying Individual (Print) Larry Season

Name of Certifying Individual (Signature) [signature]

Date: 2-26-13

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